

EXHIBIT 1

AUSTRALIA

Patents Act 1990

IN THE MATTER OF
US Patent Application No. 09/446,109
by The University of Queensland

EXHIBIT SMT-1

This is Exhibit SMT-1 referred to in the Statutory Declaration by Stephen Maxwell Taylor
dated 12 MAY 2004

Before me:

Joni Lux



A person empowered to witness Statutory
Declarations under the laws of the Queensland,
Commonwealth of Australia

CURRICULUM VITAE

Steve M. Taylor

Personal:

Place of birth: England
Citizenship: British/Australian

Education:

B.Sc. (Hons.1), 1971	University of Sydney, Australia
Ph.D. (Pharmacology), 1978	University of Sydney, Australia

Post-Doctoral Experience:

1978-1982	Research Associate, Dept. of Pharmacology, School of Medicine, Oregon Health Sciences University, Portland, OR, U.S.A.
1982-1983	Research Fellow, Pulmonary Research Laboratory, Dept. of Medicine, St. Paul's Hospital, Vancouver, B.C., Canada
1983-1988	Research Assistant Professor, Dept. of Veterinary and Comparative Anatomy, Physiology and Pharmacology, & Dept. of Veterinary Microbiology & Pathology, Washington State University, Pullman, WA, U.S.A.
1988-1990	Senior Scientist, Immunetech Pharmaceuticals, San Diego, CA, U.S.A.
1990-1993	Lecturer in Pharmacology, University of Queensland Brisbane, Qld 4072, Australia
1994-1999	Senior Lecturer, University of Queensland Brisbane, Qld 4072, Australia
11/1999	Director of Pharmacology, Promics Pty Ltd
2000-	Reader in Pharmacology, Univ. Qld
2001-	Chief Scientist, Promics P/L

Membership in Professional Societies:

American Society for Pharmacology and Experimental Therapeutics
Leukocyte Society
Australian Society For Clinical and Experimental Pharmacology and
Toxicology
Australian Society for Cytokines, Inflammation and Leukocytes

Teaching:

1970-75 Demonstrator in Pharmacology, University of Sydney
1980-81 Visiting Lecturer in Pharmacology, Oregon Health
Sciences University, Portland, Oregon, USA
1983-84 Visiting Lecturer in Pharmacology, Department of
Pharmacology, College of Veterinary Medicine,
Washington State University, Pullman, WA, USA
1990- Lecturer/Senior Lecturer/Reader in Pharmacology,
University of Queensland

PUBLICATIONS

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- 91 Proctor, LM, Arumugam, TV, Shiels, IA, Woodruff, TM, Reid, RC, Fairlie, DP and SM Taylor Comparative Anti-inflammatory Activities of Antagonists to C3a and C5a Receptors in a Rat Model of Intestinal Ischaemia/Reperfusion Injury *Br J Pharmacol* Accepted for Publication 2004
- 92 Arumugam, TV, IA Shiels, TM Woodruff, DN Granger and SM Taylor The role of the complement system in ischemia-reperfusion injury: a review *Shock* 21:401-409, 2004
- 93 Arumugam, TV, TM Woodruff, LM Proctor, S Pollitt, SZ Stocks, IA Shiels, RC Reid, DP Fairlie and SM Taylor. Protective effect of a human C5a receptor antagonist against hepatic ischaemia-reperfusion injury in rats *J. Hepatol.* In Press 2004
- 94 Arumugam TV, TM Woodruff, LM Proctor, KA Hansford, C Reid, IA Shiels, DP Fairlie and SM Taylor Beneficial effects of a new sPLA₂ inhibitor and C5a receptor antagonist against cold storage-induced ischaemic liver and renal injury in UW solution Submitted
- 95 March, DR, LM Proctor, MJ Stoermer, R Sbaglia, G Abbenante, RC Reid, K Wadi, JD Tyndall, SM Taylor, and DP Fairlie. Potent cyclic antagonists of the complement C5a receptor on human polymorphonuclear leukocytes. Structure-activity relationships *Mol. Pharmacol.* 65:868-79, 2004

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- 97 Cain, SA, Taylor, SM, Proctor LM, Fairlie, DP and PN Monk The effects of mutating putative activation switch residues on the activity of a cyclic peptide C5a receptor antagonist Submitted
- 98 Shiels, IA, M Pappas, R Reid, DP Fairlie, SM Taylor. An inhibitor of the secretory phospholipase A₂ enzyme reduces contractions in rat uterus. Submitted
- 99 Proctor, LM, Woodruff, TM, Packowski, NJ, Strachan, AJ, Monk, PM, Reid, RC, Ross, PA, Fairlie DP and SM Taylor. Peptide Analogues of the C-terminus of C3a and C5a have Differential Hemodynamic Effects in the Rat Submitted.
- 100 Woodruff, TM, TV Arumugam, IA. Shiels, M L Newman, RC Reid, DP Fairlie, and SM Taylor. A Potent and Selective Inhibitor of Group IIa Secretory Phospholipase A₂ Protects Rats From TNBS-Induced Colitis submitted

Book Chapters

Taylor SM & DP Fairlie Discovery of Potent Cyclic Antagonists of Human C5a Receptors. In: Structural Biology of the Complement System. 2004 Eds. J Lambris and D Morikis Marcel Dekker NY USA.

Patents

- 1 Sanderson SD, Kirnarsky L, Sherman S, & SM Taylor. High affinity response-selective C-terminal analogs of C5a. *U.S. Patent 5,942,599* Issued 24/8/1999
- 2) Taylor, S. M.; Fairlie, D. P. "Cyclic Agonists and Antagonists of C5a Receptors and G Protein-Coupled Receptors" Aust. Patent 744991, 25 June 1997. International Patent PCT/AU98/00490, Filed 25 June 1998.
- 3) Shiels, I.; Taylor, S.M.; Fairlie, D. P. "A new method for the treatment of dysmenorrhoea and menstrual side effects : the use of inhibitors of human secretory phospholipases A₂" filed as "Compositions and methods of using them" Aust. Provisional Patent, filed 14 July, 2000, PQ8764/00. *International Patent Application* 2004, PCT/AU01/00858
- 4) Taylor SM, Shiels IA and Brown LC. Use of C5a Receptor Antagonist in the Treatment of Fibrosis. *International Patent PCT/AU03/00415, Filed 8 April 2004.*

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- 6) Woodruff TM and Taylor SM. Treatment of Inflammatory Bowel Disease. *International Patent PCT/AU2003/001365, Filed 17 October 2002.*
- 7) Taylor, S. M., Shiels, I.A Treatment of osteoarthritis by C5a antagonists. International Patent PCT/AU2003/001373, Filed 17 October 2002.
- 8) Shiels IA, Taylor SM and Fairlie D. Treatment of Hypersensitivity Conditions. *International Patent PCT/AU2003/001374, Filed 17 October 2002.*
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